

WideBand Antenna

Unseen Threats. Now Detected.

Breakthrough Detection Across Hidden Frequencies

The new Wideband Antenna is purpose-built to expose today's most evasive drone threats. When paired with Wingman, one of the smallest wearable drone detectors on the market, and integrated with ATAK, this compact antenna extends surveillance into previously undetectable low- and highband frequencies — transforming passive monitoring into actionable spectrum awareness.



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SOLDIER LEVEL
AWARENESS



CROSS DEVICE
COMMUNICATION



CONTINUOUSLY
UPDATED



MYDEFENCE
DRONE LIBRARY

Distinctive advantages

EXTENDED SPECTRUM COVERAGE

- Detects across 350–1300 MHz, 2.4 GHz (2400–2500 MHz), and 5 GHz (5000–6000 MHz) bands - now including full 5 GHz support.

ATAK-POWERED VISUALISATION

- Spectrum activity streams directly into ATAK for real-time mapping, alerts, and jamming control via CoT.

STEALTH MODE

- Completely passive - zero signal emissions during operation.

AUTOMATED DEFENCE TRIGGERS

- Profiles threats with instant alerts and fast operator response.



Wideband
Antenna

WideBand Antenna by MyDefence

The next-generation compact Wideband Antenna, purpose-built for integration with Wingman and ATAK, delivers a major advancement in spectrum awareness by expanding detection into critical low-frequency ranges used by today's most evasive drones.

This breakthrough Wideband Antenna is optimised for superior detection across the 350–1300 MHz range, directly addressing gaps exploited by FPV drones and other low-band emitters. It also continues to support the 2.4 GHz band (2400–2500 MHz) and now adds complete coverage in the 5 GHz range (5000–6000 MHz), offering spectrum awareness where it is vital today.

Visualisation Powered by ATAK

While the antenna delivers next-level detection capability, spectrum visualisation is handled through ATAK (Android Tactical Awareness Kit). Spectrum activity captured by the antenna is streamed directly into ATAK, allowing users to map, monitor, and react to hostile signals in real time.



SUPPORTED DETECTION BANDS

Supports 350–1300 MHz, 2.4 GHz (2400–2500 MHz), and 5 GHz (5000–6000 MHz) bands.



SOFTWARE UPDATES

Instantly gain new features without replacing hardware



FULLY DEPLOYABLE PLUGIN

Field-ready today

